

APR 28 2009

PATENT  
060230PCTUSSupplemental AmendmentRemarks

This is intended to replace the "Amendment to the Specification" submitted on January 23, 2009

Amendment to the Specification

Please incorporate the following paragraphs from provisional application 60/620,154 filed October 19, 2004, which was incorporated by reference in the Subject Application. Please incorporate the paragraphs at page 25, line 14 of the Subject Application as follows:

**Stimulation of Stem Cell Self-Renewal Through p18 Suppression****Inventor: Tao Cheng**

**Background** – In April 2003, Dr. Tao Cheng disclosed a method of extending the self-renewal of murine hematopoietic stem cells by elimination of the CDK inhibitor p18. The technology was returned to him in October, and he personally filed a provisional patent based on a manuscript he had submitted for publication (it was published in *Nature Cell Biology* in May 2004). Dr. Cheng has now made a significant advance in this technology – he has achieved the same enhancement of self-renewal in *human* hematopoietic stem cells by transiently blocking p18 expression with siRNA. He is